

CLAIMS

1. Device for treating breathing problems, comprising a shaped part fitting onto the teeth of the lower jaw, a shaped
5 part fitting onto the teeth of the upper jaw, and adjustable connecting means between the upper and lower shaped part for forward/backward and upward/downward adjustment of the upper shaped part relative to the lower shaped part, **characterized in that** one of the shaped parts is provided at the front with
10 a slide mechanism consisting of a slide element which is slidable laterally to a limited extent along a guide element, and that the adjustable connecting means are fixedly connected to the other shaped part on one side and to the slide element on the other.

15 2. Device as claimed in claim 1, **characterized in that** the dimensions of the guide element and the slide element are closely-sized transversely of the guiding direction.

3. Device as claimed in either of the foregoing claims, **characterized in that** the guide element is a rod mounted
20 between two points of the one shaped part, and the slide element is a hollow tube slidable around this rod.

4. Device as claimed in any of the foregoing claims, **characterized in that** the length of the hollow tube is chosen as a function of the desired maximum lateral displacement.

25 5. Device as claimed in claim 4, **characterized in that** the slide element can be snapped onto the guide element.

6. Device as claimed in any of the foregoing claims, **characterized in that** the adjustable connecting means comprise a substantially vertical adjusting screw with double
30 screw thread for upward/downward adjustment of the upper shaped part relative to the lower shaped part, which adjusting screw co-acts on one outer end with a first threaded bore connected via a connecting piece to the slide

element, and which co-acts on its other outer end with a second threaded bore provided on the front side of the other shaped part, wherein a rotation of the adjusting screw changes the distance between the lower and upper threaded bores.

7. Device as claimed in claim 6, **characterized in that** the adjusting screw is provided substantially in the middle with an encircling flange with radially directed openings in which a rod fits for the purpose of turning the adjusting screw through rotation of the rod.

8. Device as claimed in claim 6 or 7, **characterized in that** the vertical adjusting screw is enclosed on both sides by telescopically acting tubes.

9. Device as claimed in any of the claims 1-5, **characterized in that** the adjustable connecting means comprise a substantially vertical adjusting screw and a threaded bore co-acting therewith for the upward/downward adjustment of the upper shaped part relative to the lower shaped part.

10. Device as claimed in any of the foregoing claims, **characterized in that** the connecting piece is provided with a horizontal adjusting screw for forward/backward adjustment of the one shaped part relative to the other, which horizontal adjusting screw co-acts on one outer end with a threaded passage mounted on the slide element.

11. Device as claimed in claim 10 and any of the claims 6-8, **characterized in that** the horizontal adjusting screw is provided on its other outer end with a screw head, and that the connecting piece is provided with a horizontally oriented hole through which the horizontal adjusting screw extends.

12. Device as claimed in any of the foregoing claims, **characterized in that** the adjustable connecting means are at least partially received in a housing which is rounded on the

outside.